IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re the Application of: NAKATANI, Kazuo, et al.

Group Art Unit: 3753

Serial No.: 10/658,421

Examiner: To be assigned

Filed: September 10, 2003

P.T.O. Confirmation No.: 3193

For:

DETERMINING METHOD OF HIGH PRESSURE OF

REFRIGERATION CYCLE APPARATUS

INFORMATION DISCLOSURE STATEMENT **PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

April 8, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

Documents AA-AB, AD-AI and AJ-AL were cited in a European Search Report dated March 8, 2004. A copy of the European search report is also enclosed.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

In accordance with 1.704(d), Applicants state that each item of information contained in the Information Disclosure Statement was cited in a communication from a Foreign Patent Office and that this communication was not received by any individual

U.S. Application Serial No. 10/658,421 IDS Filed April 8, 2004

designated in 1.56(c) more than thirty days prior to the filing of the Information Disclosure

Statement.

The above information is presented so that the Patent and Trademark Office can,

in the first instance, determine any materiality thereof to the claimed invention. It is

respectfully requested that the information be expressly considered during the prosecution

of this application, and that the documents cited in the attached Form PTO-1449 be made

of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any

fee which is deemed by the Patent and Trademark Office to be required to effect

consideration of this statement.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (10)

European Search Report (03/08/04)

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PRADE TORMATION DISCLOSURE **CITATION** PTO-1449

Atty. Docket No. 031055

Serial No. 10/658,421

Applicant(s): NAKATANI, Kazuo, et al.

Filing Date: September 10, 2003

Group Art Unit: 3753

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subcla ss	Filing Date (If appropriate)
	AA	6,321,564 B1	Yamanaka et al.	11/27/01	62	510	03/13/00
	AB	6,438,994 B1	Rashad et al.	08/27/02	62	613	09/27/01
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FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
 AD	2000-234814	08/29/00	Japan	Abstract
 AE	2001-116371	04/27/01	Japan	Abstract
 AF	2002-130770	05/09/02	Japan	Abstract
 AG	2002-349977	12/04/02	Japan	Abstract
 АН	2003-83620	03/19/03	Japan	Abstract
 AI	0 541 324 A1	05/12/93	Europe	Yes

OTHER DOCUMENTS

 	AJ	European Search Report dated March 8, 2004.
	AK	Huff H-J et al., {High-Side-Pressure Optimization in Transcritical CO2 Cycles with Work-Extracting Expansion Devices", SAE Automotive Alternate Refrigerant Systems Symposium, July 2002, pp. 1-18.
	AL	Joo Seok Baek et al., "Transcritical CO2 Cycle Technology", SAE Automotive Alternate Refrigerant Systems Symposium, July 2002, pp. 1-17.
Examiner		Date Considered